



LOFWIND String Wound Filter Cartridge

„LOFWIND Filter cartridges from Eaton are perfect for the filtration of process chemicals, photo chemicals, film developers, solvents, galvanic baths, edible oils, fats, acids and bases, process water, as well as for water treatment, condensate preparation and sea water desalination.“

The LOFWIND filter cartridges from Eaton offer a wide range of retention ratings. The graded pore structure allows efficient particle retention. They are further characterized by a low initial differential pressure combined with high flow rates.

Features and Benefits

- String wound depth filter cartridges
- Broad range of applications due to a wide chemical compatibility
- Many different combinations of filter materials and inner cores

Filter Specifications

Media

Bleached Cotton, Glass Fibre (baked), Polypropylene, washed Polypropylene

Centre Core

Polypropylene, Stainless Steel, Tinned Steel

Micron ratings

0.5; 1; 3; 5; 10; 25; 50; 75; 100; 150 µm

Dimensions / Parameters

Nominal lengths

5"; 9.75"; 10"; 19.5"; 20"; 29.25"; 30"; 39"; 40"
(12.7; 24.8; 25.4; 49.5; 50.8; 74.3; 76.2; 99.1; 101.6 cm)

Outside diameter

2.4" (6.2 cm)

Inside diameter

1.1" (2.8 cm)

Max. operating temperature

Polypropylene: 80 °C (176 °F)
Cotton: 160 °C (320 °F)
Glass Fibre: 400 °C (752 °F)

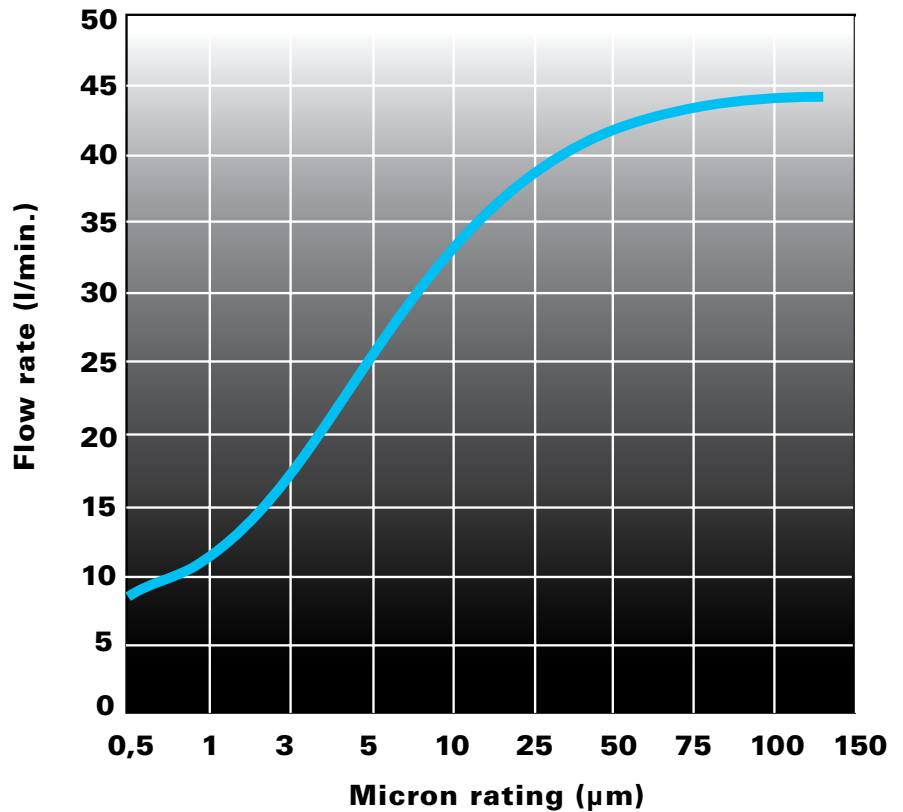
Max. differential pressure

2.5 bar @ 30 °C (36 psid)



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LOFWIND™ Flow Rate*
(Water/ $\Delta P = 0.15 \text{ bar} / 9 \frac{3}{4} \text{''}$ Filter Cartridge)



* For liquids other than water, multiply pressure drop by fluid viscosity in Centipoise.

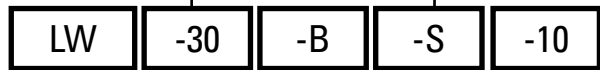
Filter Specification Code

Nominal length

- 5 5"
- 9 9.75"
- 10 10"
- 19 19.5"
- 20 20"
- 29 29.25"
- 30 30"
- 39 39"
- 40 40"

Core Material

- P = Polypropylene
- S = Stainless Steel
- T = Tinned Steel



Filter Series
LOFWIND

Filter Media
B = Bleached Cotton
H = Glass Fibre (baked)
P = Polypropylene
W = Washed Polypropylene

Retention Rating

- 0.5 µm
- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 25 µm
- 50 µm
- 75 µm
- 100 µm
- 150 µm

**Eaton Technologies GmbH
Hydraulics Group
Filtration Division**

Auf der Heide 2
53947 Nettersheim, Germany
tel.: +49 2486 809 0
fax: +49 2486 809 800
email: info-filtration@eaton.com
www.eaton.de/filtration

**Eaton Technologies GmbH
Hydraulics Group
Filtration Division
Bron branch**

La Tour Sier
129 boulevard Pinel
69500 Bron, France
tel.: +33 4 72 78 84 50
fax: +33 4 78 74 43 07
email: info-filtration@eaton.com
www.eaton.com/filtration

Customer Service EMEA

Austria tel.: 0800 29 36 89
Belgium tel.: 0800 77 0 22
France tel.: +33 4 72 78 84 50
Germany tel.: +49 2486 809 400
Italy tel.: 800 78 58 83
Luxembourg tel.: 800 2 42 98
Netherlands tel.: 0800 0 22 27 03
Spain tel.: 900 98 49 15
UK tel.: +44 1206 593 128
Export tel.: +49 2486 809 470

fax: 0800 29 36 90
fax: 0800 77 0 23
fax: +33 4 78 74 43 07
fax: +49 2486 809 500
fax: 800 78 58 84
fax: 800 2 42 99
fax: 0800 0 22 26 95
fax: 900 98 49 14
fax: +44 1206 593 129
fax: +49 2486 809 570



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